

TRIB2 Protein, Human (sf9, His-GST)

Cat. No.:	HY-P74492
Synonyms:	Tribbles homolog 2; TRB-2; TRIB2; TRB2
Species:	Human
Source:	Sf9 insect cells
Accession:	Q92519 (M1-N343)
Gene ID:	28951
Molecular Weight:	Approximately 66 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, 1 mM GSH, 0.5 mM PMSF, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The TRIB2 protein exerts regulatory control over the activation of MAP kinases by interacting with MAPK kinases, despite lacking intrinsic kinase activity itself. This interaction underscores TRIB2's role as a modulator rather than a direct kinase, suggesting its involvement in fine-tuning MAP kinase signaling pathways. Additionally, TRIB2 engages in a specific interaction with COP1, further expanding its potential regulatory influence within cellular processes. The functional implications of these interactions highlight TRIB2 as a key player in orchestrating cellular signaling cascades and warrant further exploration into its intricate regulatory mechanisms.
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Caution: Product has not been fully validated for medical applications. For research use only.

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